# **BookletChart**<sup>TM</sup>

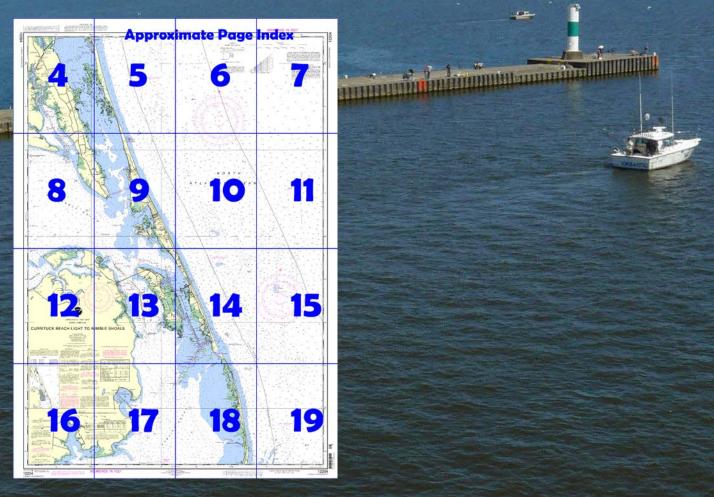




A reduced-scale NOAA nautical chart for small boaters When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



# Published by the National Oceanic and Atmospheric Administration National Ocean Service Office of Coast Survey

<u>www.NauticalCharts.NOAA.gov</u> 888-990-NOAA

### What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

#### What is a BookletChart<sup>™</sup>?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <a href="http://www.NauticalCharts.NOAA.gov">http://www.NauticalCharts.NOAA.gov</a>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

### **Notice to Mariners Correction Status**

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbycharts.noaa.gov/nsd/searchbychart.php?chart=122">http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=122</a> <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbycharts.noaa



(Selected Excerpts from Coast Pilot)
Currituck Beach Light (36°22'37"N.,
75°49'47"W.), 158 feet above the water, is
shown from a red conical tower on the
beach near the settlement of Corolla.
Local magnetic disturbance.—Differences of
as much as 11° from the normal variation
have been observed 5 to 7 nautical miles
offshore from Currituck Beach Light to
Wimble Shoals (36°22.6'N., to 35°35.0'N.).
Many homes are prominent along the
beach from Duck to Whalebone, 17 miles

and 31 miles south of Currituck Beach Light, respectively. A conspicuous steel tower is just eastward of Kitty Hawk, 20 miles southward of Currituck Beach Light. **Wright Monument**, a high stone memorial on the

highest of the **Kill Devil Hills**, 3.5 miles southward of Kitty Hawk, is very prominent and is a good landmark on this low sandy coast. Water tanks at Kill Devil Hills and Nags Head, 1 mile north and 5.6 miles south of Wright Monument, respectively, are also prominent.

**Bodie Island Light** (35°49'07"N., 75°33'48"W.), 156 feet above the water, is shown from a conical tower, with alternate white and black horizontal bands above the granite base, about 2 miles northward of the southern end of Bodie Island, and 36 miles southward of Currituck Beach Light. A water tank 1.2 miles north of Bodie Island Light is prominent.

**Oregon Inlet**, about 2.5 miles southward of Bodie Island Light, is entered over a shifting bar. A lighted whistle buoy marks the approach; other buoys, not charted, are frequently shifted in position to mark the best water. A fish haven is about 4.5 miles southeast of the lighted whistle buoy. The inlet, used by local fishing vessels, but not recommended to strangers, requires continuous dredging; it deepens with northwest winds and fills in with northeast winds.

**Currents.**—Tidal currents in the inlet are reported to be as much as 5 knots, but with southwesterly winds as much as 6 to 8 knots. The Herbert C. Bonner (State Route 12) highway bridge crosses the inlet; the fixed channel span has a clearance of 65 feet over the main channel. **Oregon Inlet Jetty Light** (35°46'26"N., 75°31'30"W.), 28 feet above the water, is shown from a pile with a black and white diamond-shaped daymark.

Three marked dredged channels with a Federal project depth of 12 feet lead from Oregon Inlet into Pamlico Sound. Oregon Inlet Channel leads westward from the inlet to a junction with Old House Channel, which then leads southwestward into Pamlico Sound. From the junction, the inlet channel continues northward to a junction with Roanoke Sound Channel, which continues northward to a turning basin at Manteo. A side channel of the same project depth leads westward to a turning basin at Wanchese at the south end of Roanoke Island. A connecting channel with a project depth of 6 feet continues northward into Albemarle Sound from the north end of the Roanoke Sound Channel. On the southern end of Bodie Island, just west of the bridge, there is a National Park Service small-boat basin operated by a concessionaire and the Oregon Inlet Coast Guard Station. A channel, marked by lights, buoys, and daybeacons, leads east-northeastward passing through Walter Slough, ending at the small-boat basin. A 150-foot radio tower at the Coast Guard Station can be seen from the approach. In 2011, the controlling depth was 3.2 feet in the channel with 4.4 feet in the basin. Wanchese is a small town near the south end of Roanoke Island west of the entrance to Mill Landing Creek (Mill Creek). Gasoline, diesel fuel, water, limited marine supplies, and small charter boats can be obtained at the fishhouses and small docks. A 75-ton mobile lift in Mill Landing Creek can haul out boats to 120 feet for hull and engine repairs. Just south of Mill Landing Creek is a marine railway that can haul out craft up to 50 feet; there is a small-boat launching ramp. A marine railway that can handle craft up to 60 feet and a 25-ton mobile lift are on the unnamed creek on the western side of Roanoke Island opposite Mill Landing Creek, about 500 yards southward of Baum Creek. Berthage, electricity, gasoline, diesel fuel, water, and a surfaced launching ramp are available, and hull and engine repairs can be made. The Washington Baum highway bridge over Roanoke Sound connects Roanoke Island with Bodie Island and U.S. Route 64-264 highway to Norfolk. It has a fixed span with a clearance of 65 feet.

### U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Miami Commander

7th CG District (3 Miami, FL

(305) 415-6800



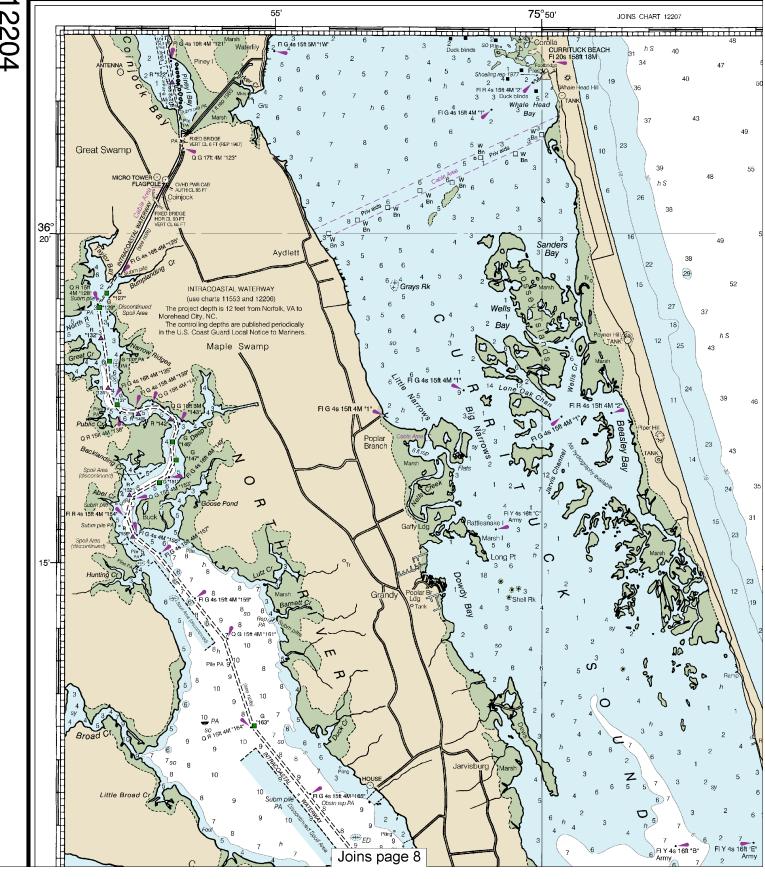
NOAA's navigation managers serve as ambassadors to the maritime community.

They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit nauticalcharts.noaa.gov/service/navmanagers

To make suggestions or ask questions online, go to *nauticalcharts.noaa.gov/inquiry*. To report a chart discrepancy, please use *ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx*.

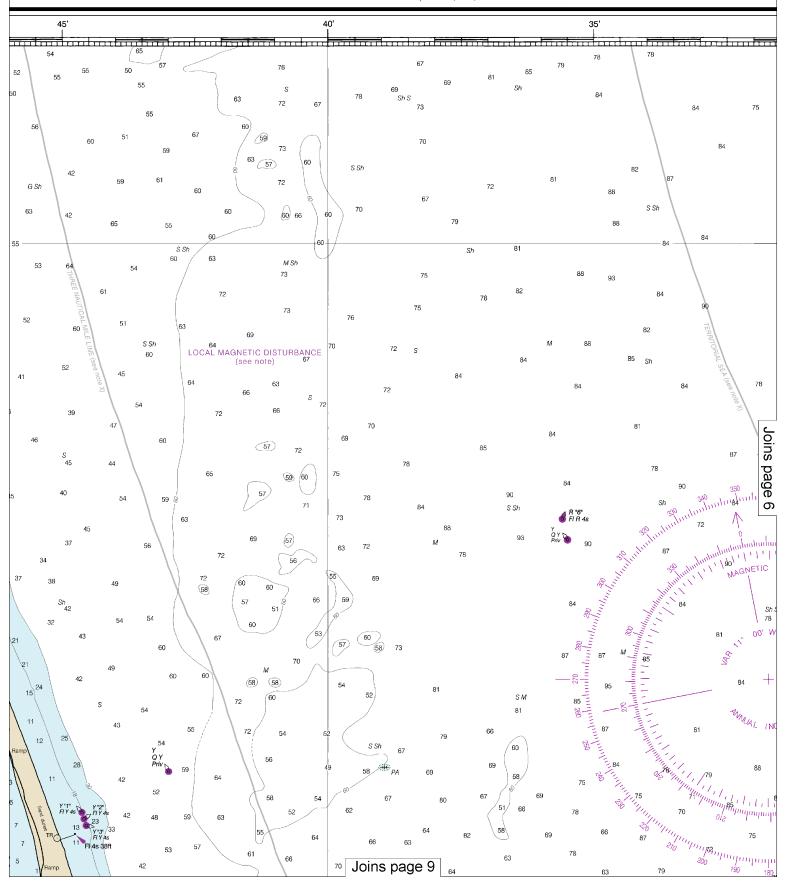
# Lateral System As Seen Entering From Seaward on navigable waters except Western Rivers

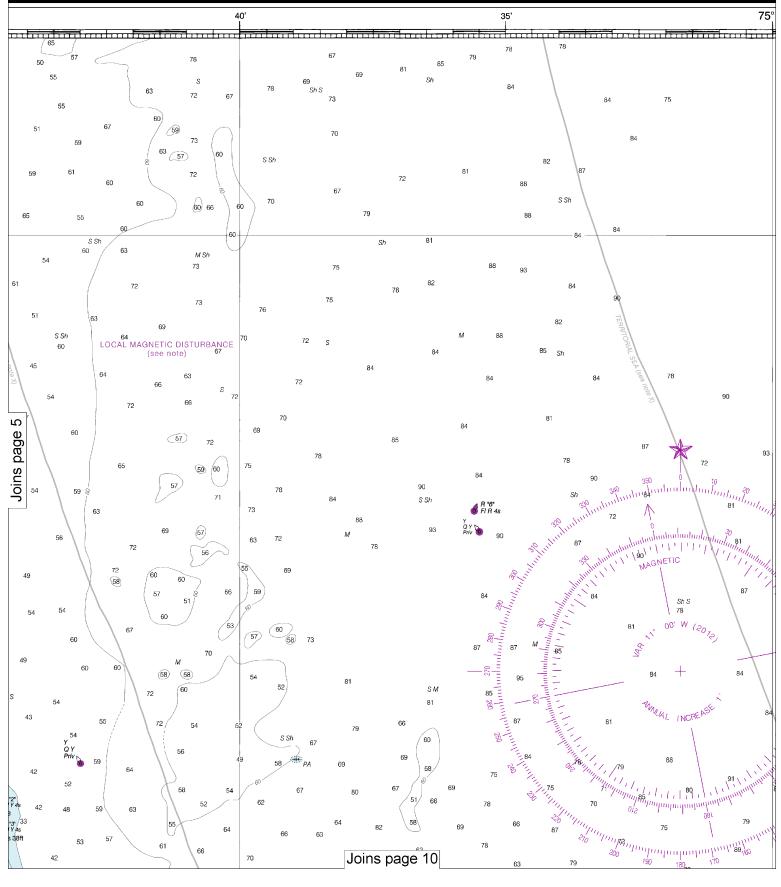








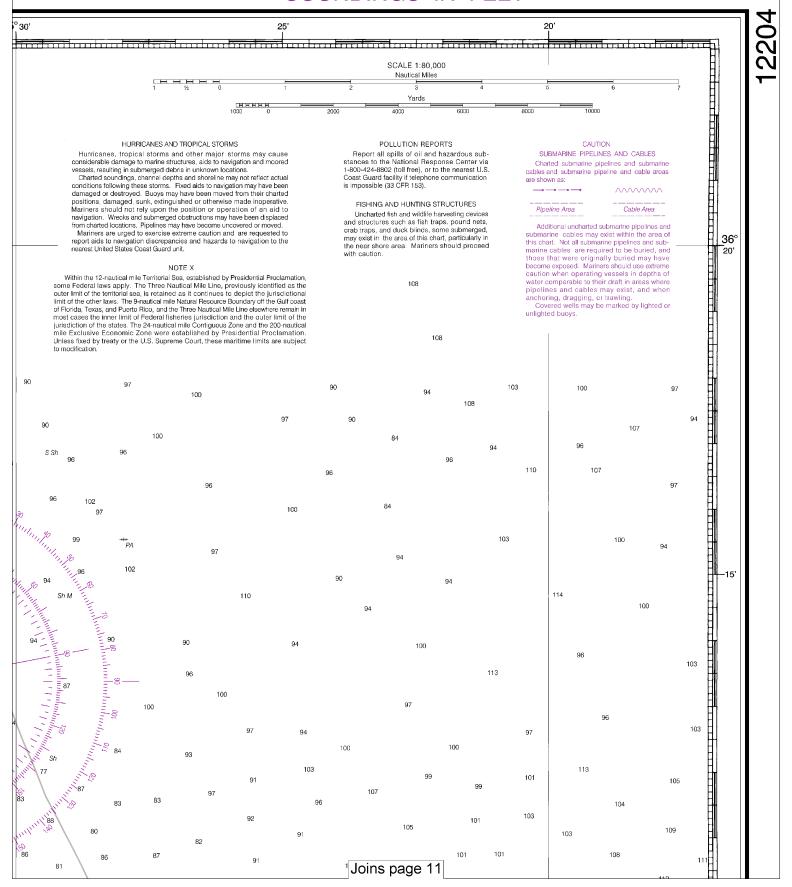


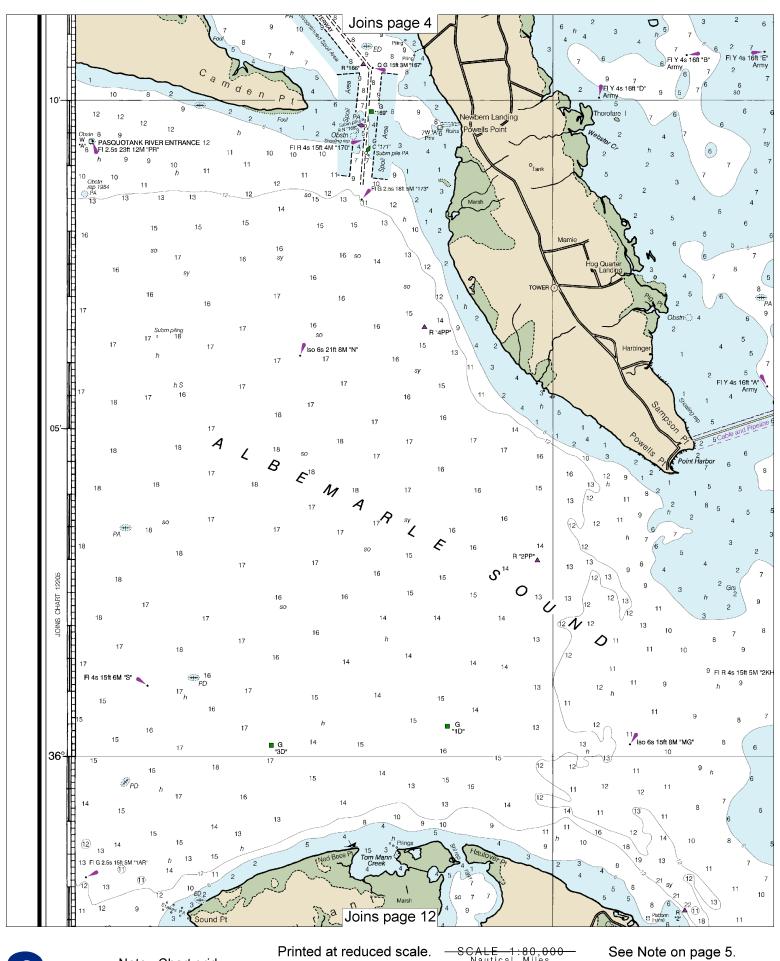






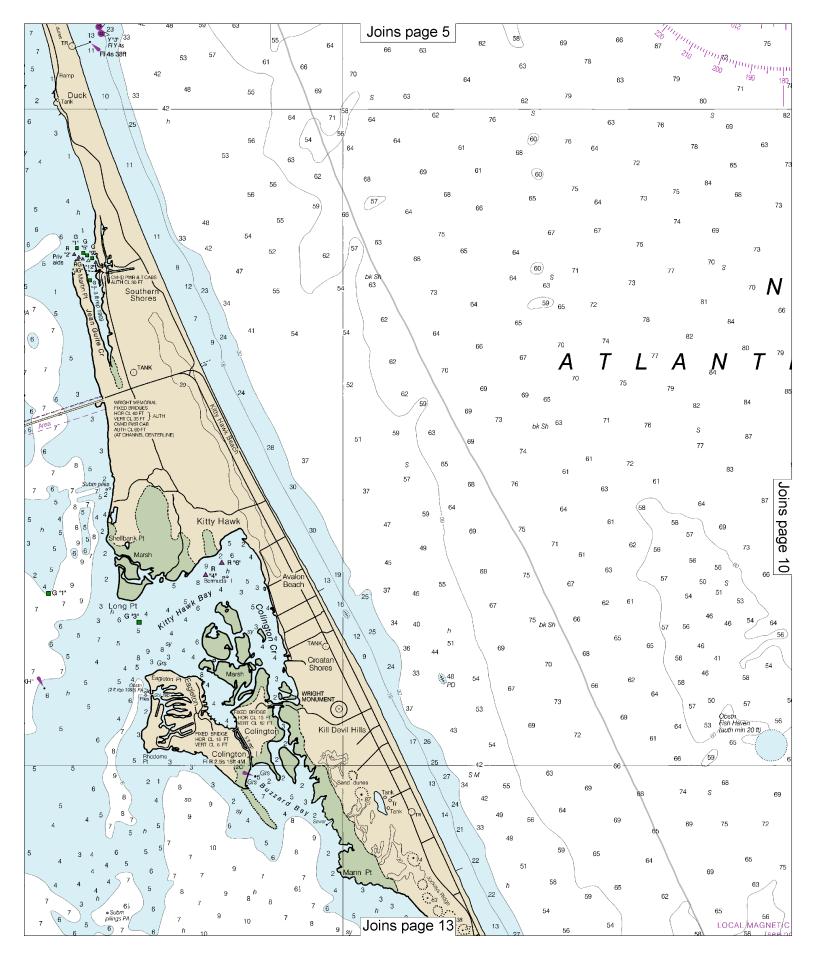
# SOUNDINGS IN FEET



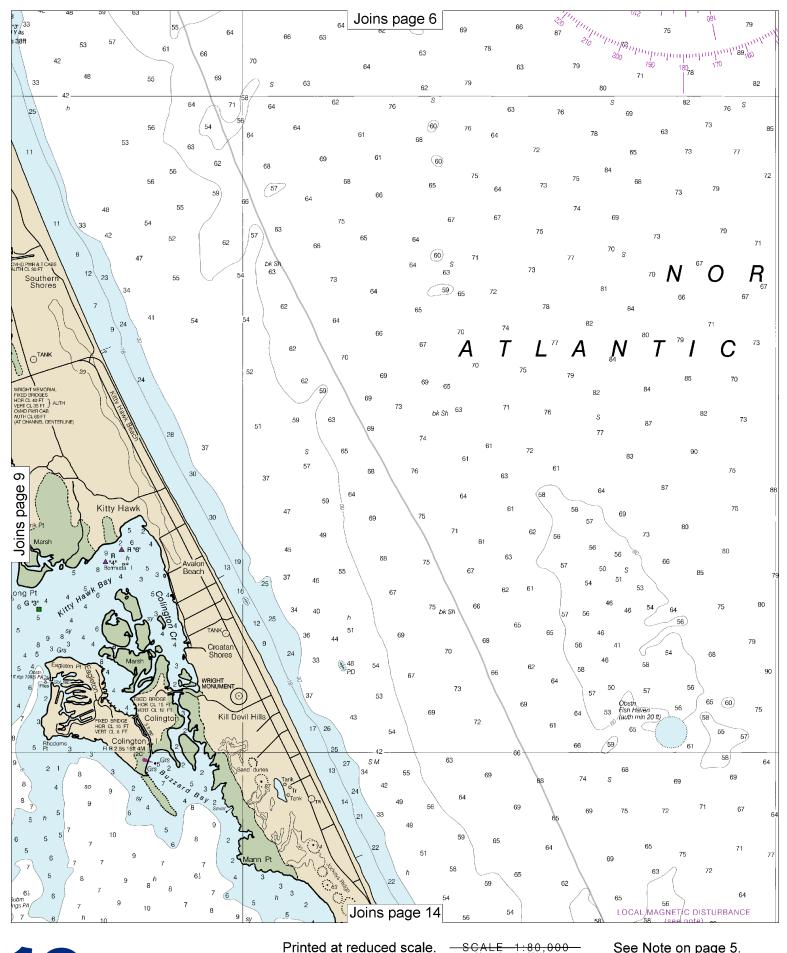






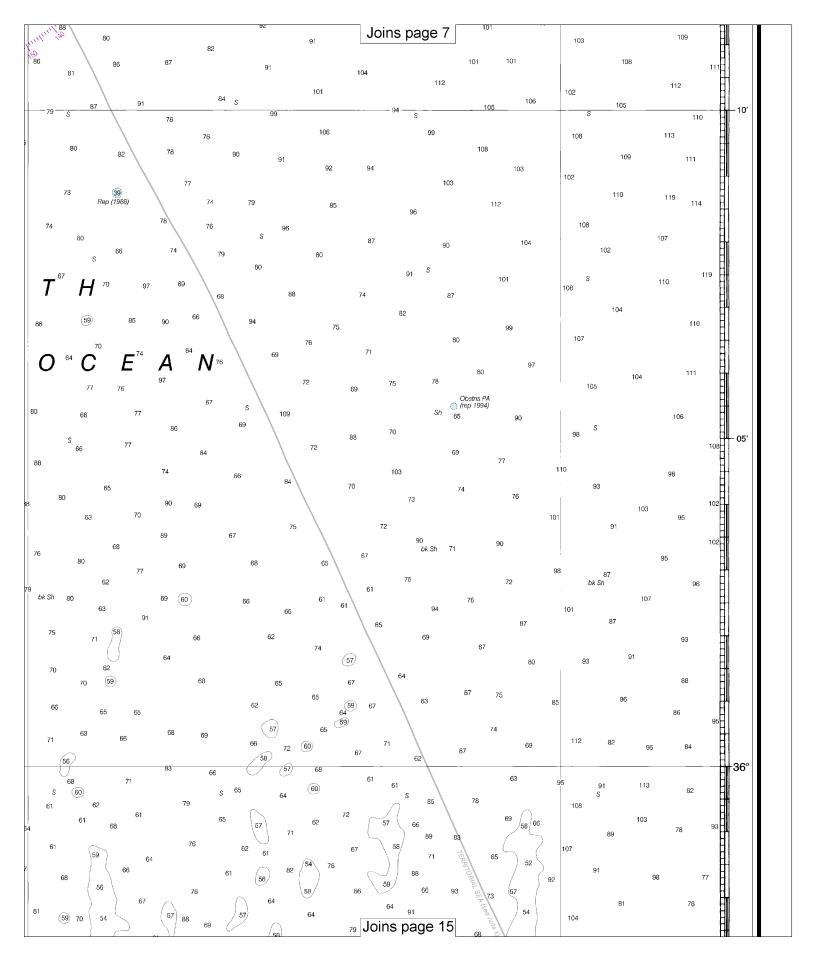


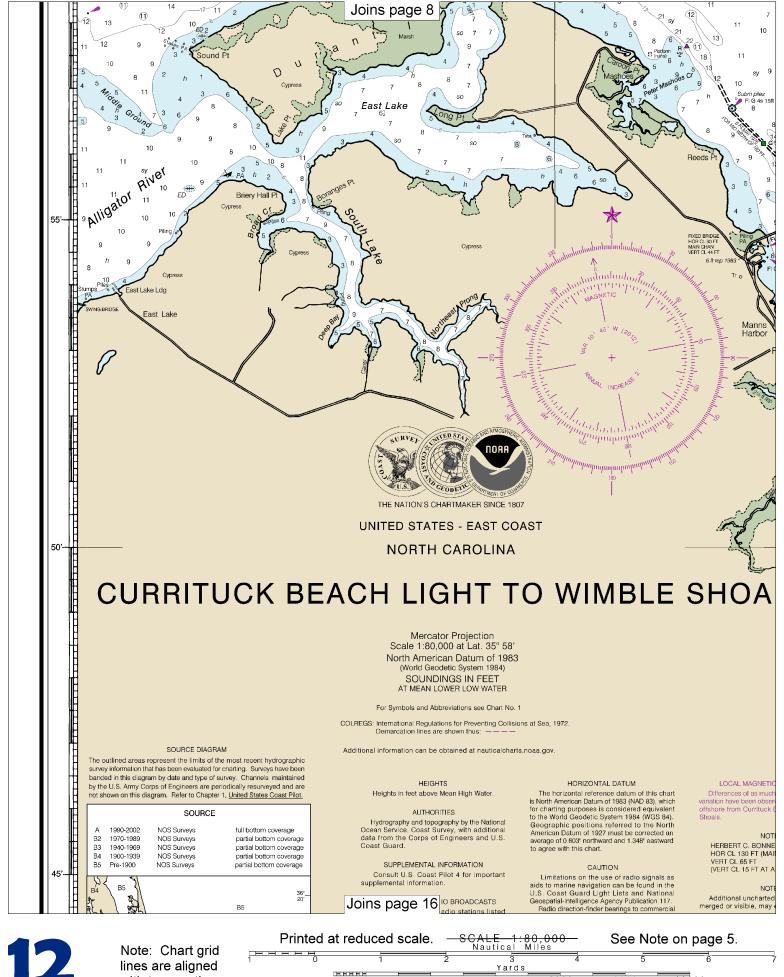




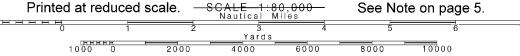
10

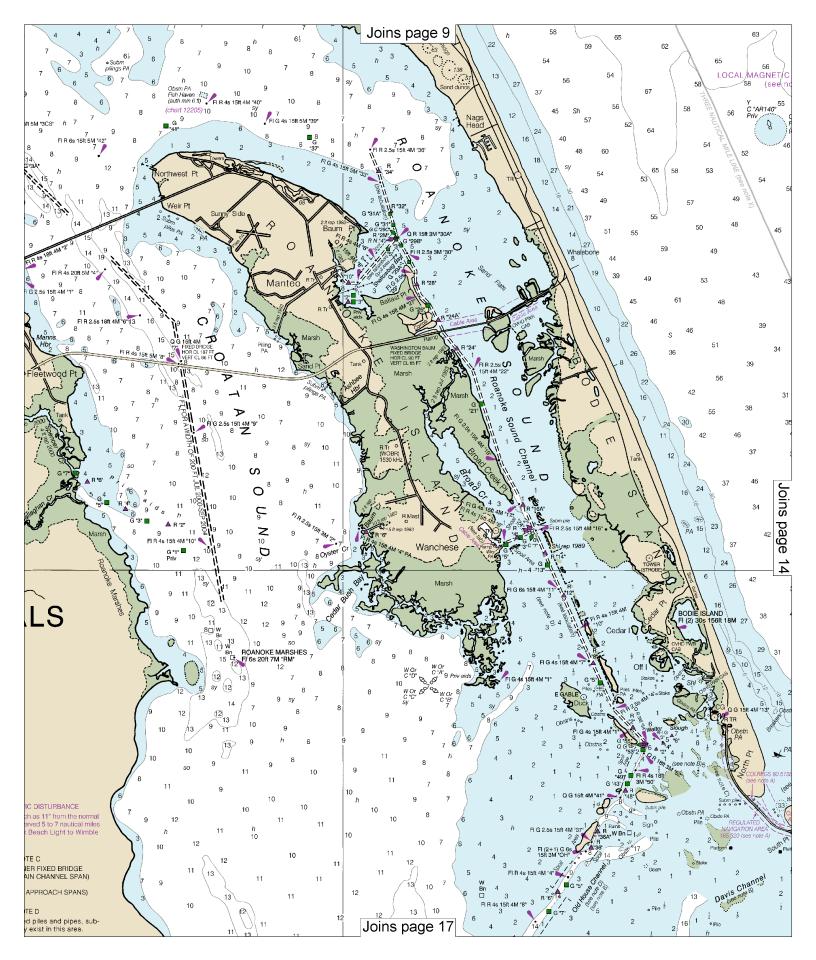


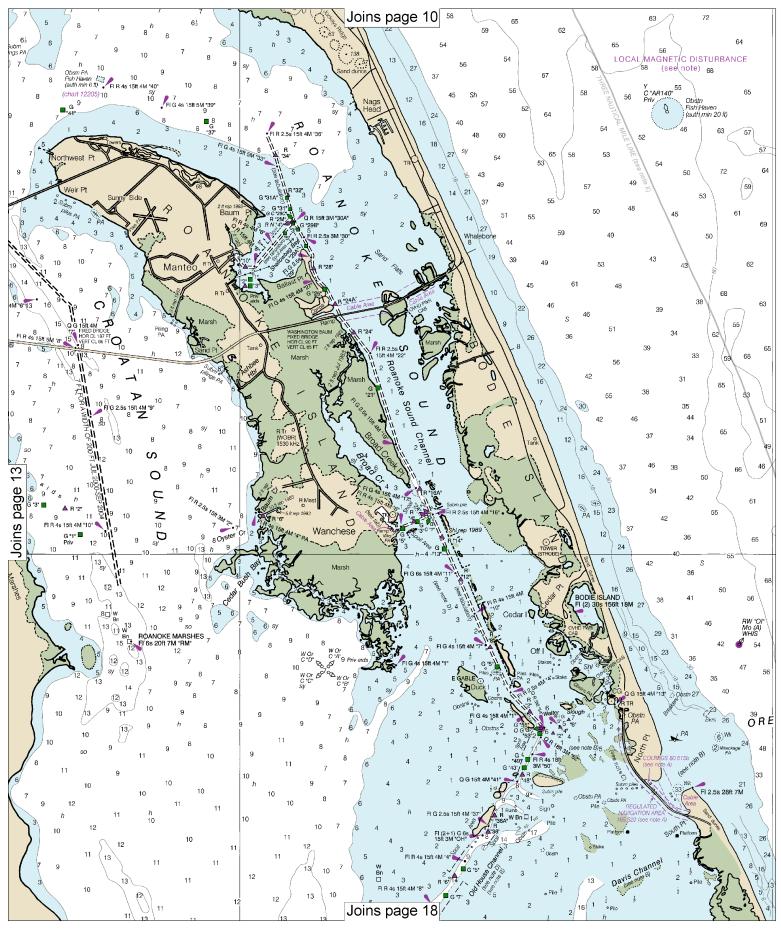




with true north.

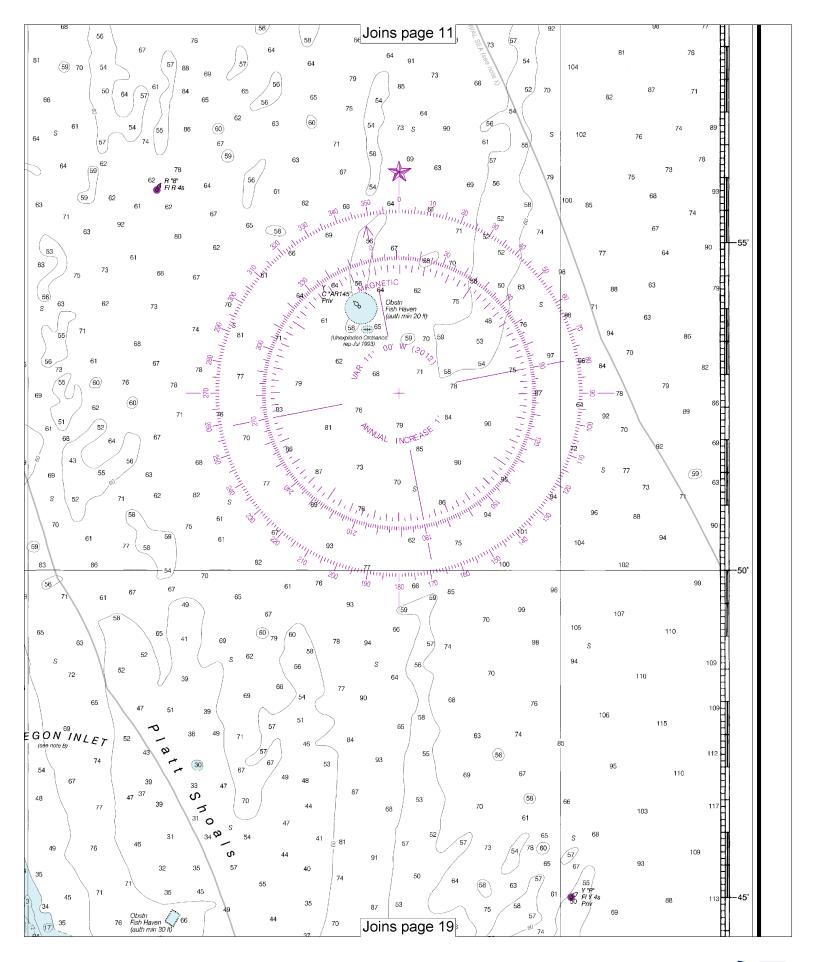


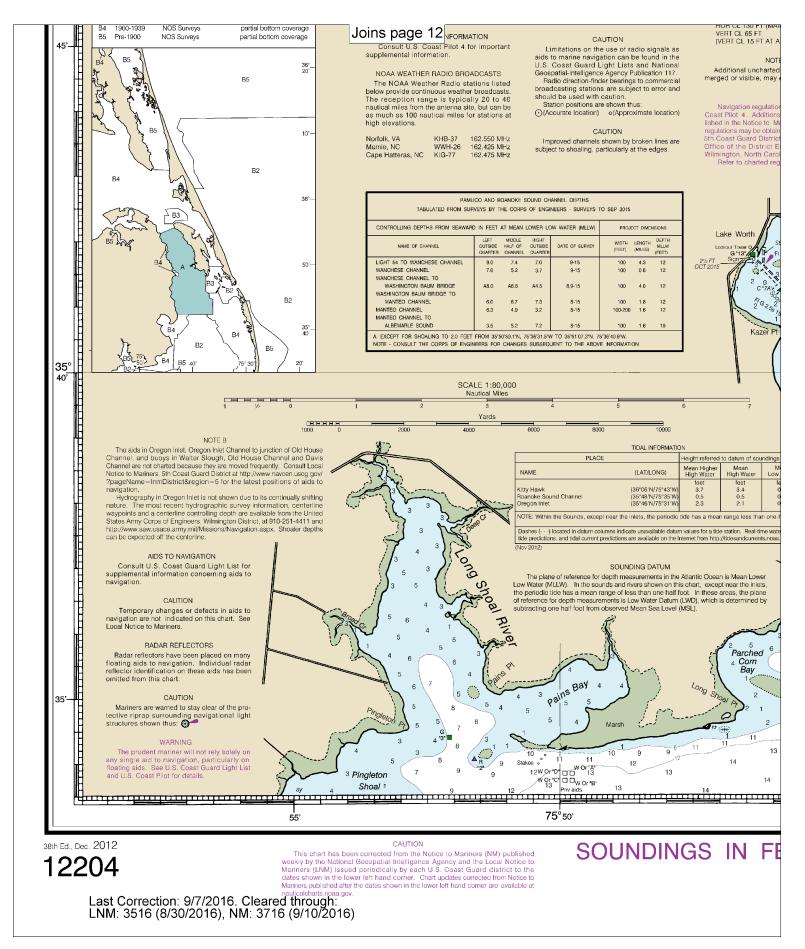


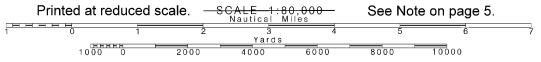


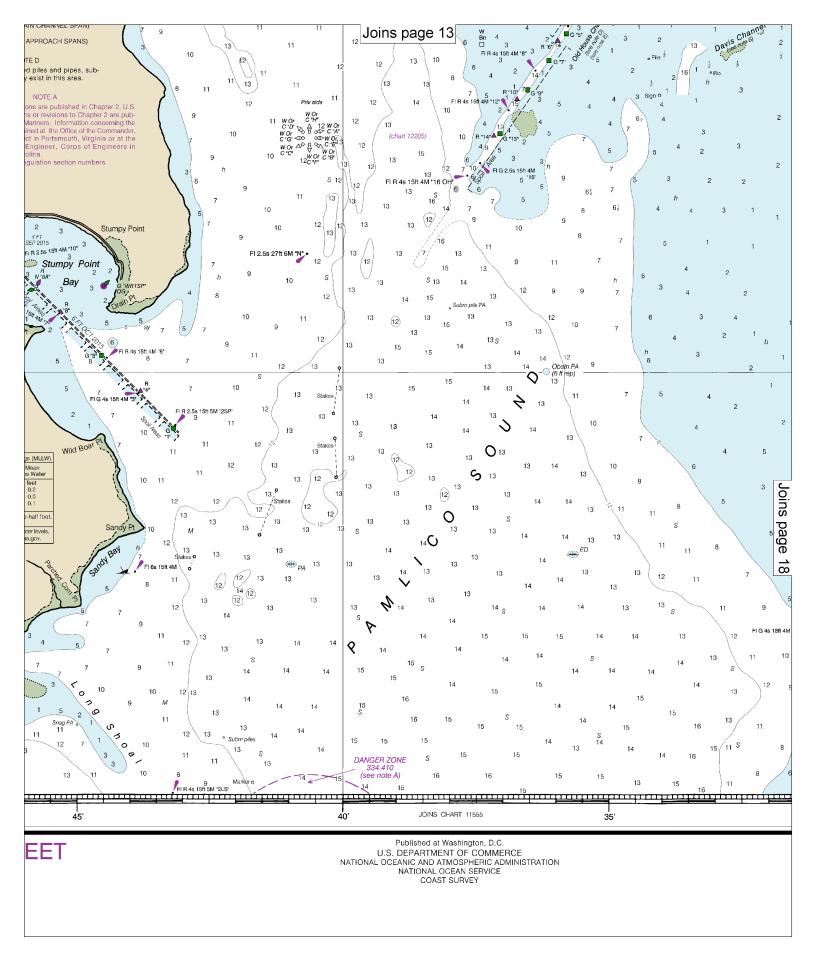
14

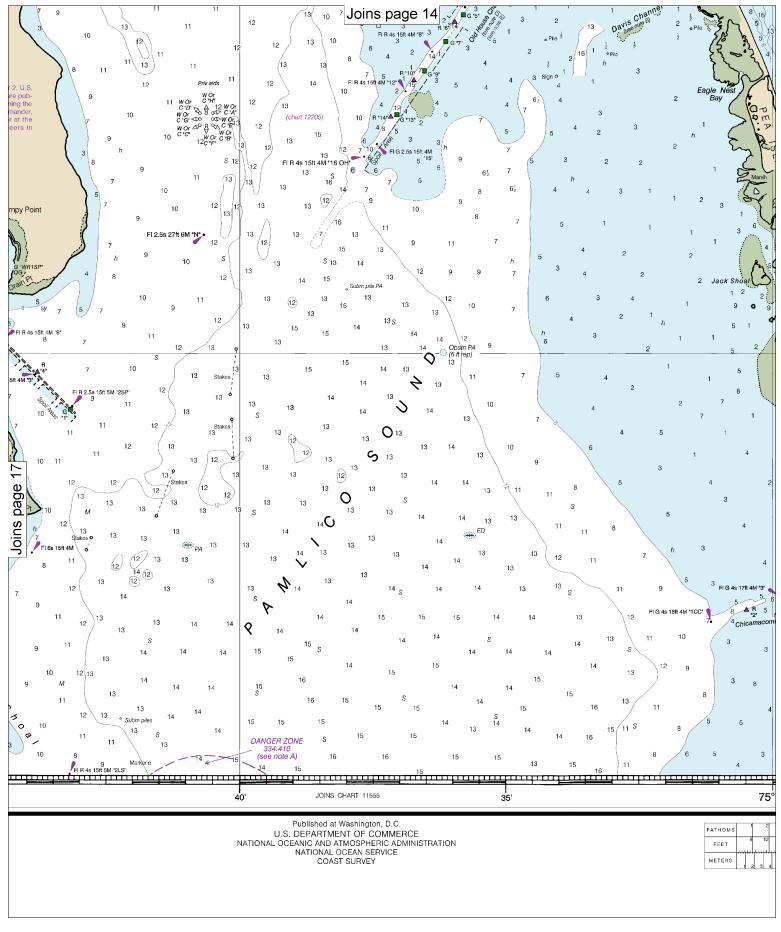




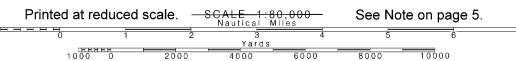


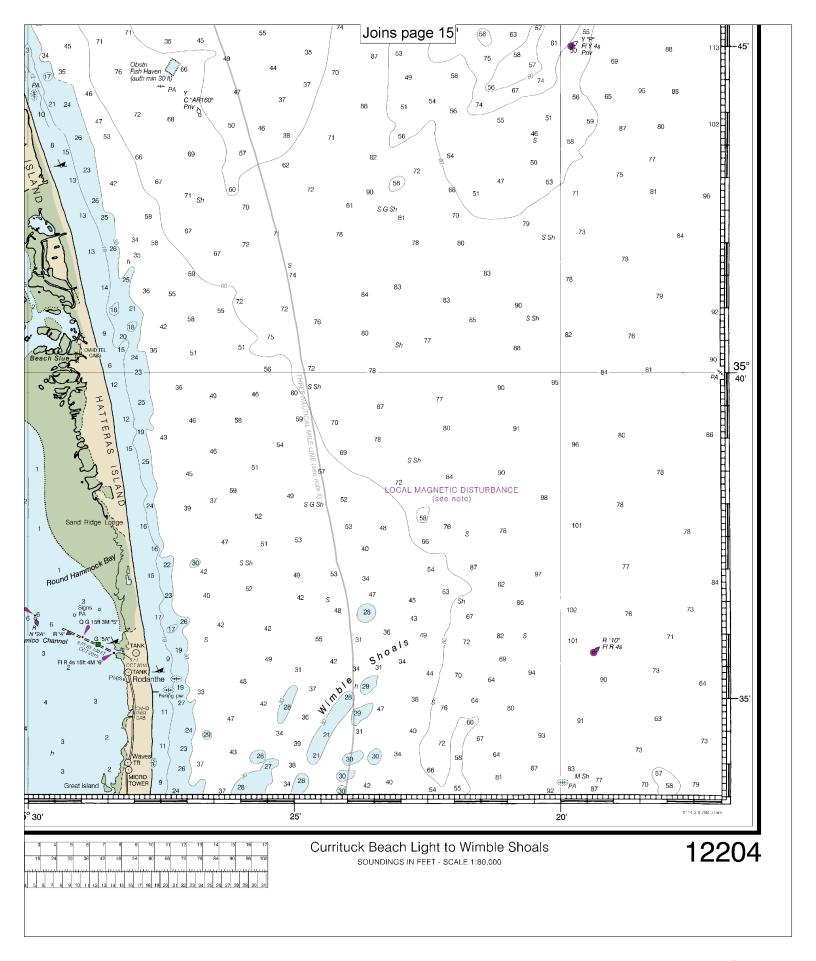






18







### VHF Marine Radio channels for use on the waterways:

**Channel 6** – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

**Channel 16** – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here. Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

**Getting and Giving Help** — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

### **Distress Call Procedures**

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of

Emergency; Number of People on Board.

- · Release transmit button.
- Wait for 10 seconds If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

http://www.nws.noaa.gov/nwr/

## **Quick References**

Nautical chart related products and information — http://www.nauticalcharts.noaa.gov

Interactive chart catalog — http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml

Report a chart discrepancy — http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx

Chart and chart related inquiries and comments — http://ocsdata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs

Chart updates (LNM and NM corrections) — http://www.nauticalcharts.noaa.gov/mcd/updates/LNM\_NM.html

Coast Pilot online — http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm

Tides and Currents — http://tidesandcurrents.noaa.gov

Marine Forecasts — http://www.nws.noaa.gov/om/marine/home.htm

National Data Buoy Center — http://www.ndbc.noaa.gov/

NowCoast web portal for coastal conditions — http://www.nowcoast.noaa.gov/

National Weather Service — http://www.weather.gov/

National Hurrican Center — http://www.nhc.noaa.gov/

Pacific Tsunami Warning Center — http://ptwc.weather.gov/

Contact Us — http://www.nauticalcharts.noaa.gov/staff/contact.htm



For the latest news from Coast Survey, follow @NOAAcharts



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.